

Robert Greene Sterne Edward J. Kessler Jorge A. Goldstein David K.S. Cornwell Robert W. Esmond Tracy-Gene G. Durkin Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael Q. Lee Steven R. Ludwig John M. Covert Linda E. Alcorn Robert C. Millonig Donald J. Featherstone Timothy J. Shea, Jr Michael V. Messinger Judith U. Kim Patrick E. Garrett
Jeffrey T. Helvey
Heidi L. Kraus
Eldora L. Ellison
Thomas C. Fiala
Albert L. Ferro
Donald R. Banowit
Peter A. Jackman
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Brian J. Del Buono
Virgil Lee Beaston
Theodore A. Wood
Elizabeth J. Haanes
Joseph S. Ostroff
Frank R. Cottingham
Rae Lynn P. Guest
Daniel A. Klein

Jason D. Eisenberg
Michael D. Spedti
Andrea J. Kamage
Tracy L. Muller
Jon E. Wright
LuAnne M. DeSantis
Ann E. Summerfield
Aric W. Ledford
Helene C. Carlson
Cynthia M. Bouchez
Timothy A. Doyle
Gaby L. Longsworth
Lori A. Gordon
Nicole D. Dretar
Ted J. Ebersole
Laura A. Vogel
Michael J. Mancuso
Bryan S. Wade
Aaron L. Schwartz

Shannon A. Carroll* Wesley W. Jones* Matthew E. Kelley* Michelle K. Holoubek* Marsha A. Rose*

Registered Patent Agents-Karen R. Markowicz Nancy J. Leith Matthew J. Dowd Katrina Yujian Pei Quach Bryan L. Sketton Robert A. Schwartzman Teresa A. Colella Victoria S. Rutherford Simon J. Elliott Julie A. Heider Scott M. Woodhouse Christopher J. Walsh Liliana Di Nola-Baron Peter A. Socarras Jeffrey Mills

Of Counsel Kenneth C. Bass III Marvin C. Guthrie

*Admitted only in Maryland *Admitted only in Virginia •Practice Limited to Federal Agencies

November 1, 2005

WRITER'S DIRECT NUMBER: (202) 772-8774 INTERNET ADDRESS: TDOYLE@SKGF.COM

Mail Stop: Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 09/550,642; Filed: April 14, 2000

For: Method and System for Down-Converting an Electromagnetic Signal,

and Transforms for Same

Inventors:

Sorrells et al.

Our Ref:

1744.0920001/PEG/TAD

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Form PTO-2038 Credit Card Payment Form for \$180.00 to cover Information Disclosure fees under 37 C.F.R. § 1.17;
- 2. Seventh Supplemental Information Disclosure Statement;
- 3. Forms PTO-1449 (2 pages);
- 4. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents November 1, 2005 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Timothy A. Doyle

Attorney for Applicants

Attorney for Applicants Registration No. 51,262

TAD/slw Enclosures

460113_1.DOC

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

10V 0 1 2005

SORRELLS et al.

Appl. No.: 09/550,642 Filed: April 14, 2000

For:

Method and System for Down-Converting an Electromagnetic

Signal, and Transforms for Same

Confirmation No.: 9236

Art Unit: 2634

Examiner: Odom, Curtis B.

Atty. Docket: 1744.0920001

Seventh Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Seventh Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Sixth Supplemental Information Disclosure Statement filed on August 18, 2005 in connection with the above-captioned application.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention patentability of the claimed invention 188.00 pp over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Applicants provide the following comments regarding the documents:

Documents AA68-AD68 were cited in a Notice of Allowance in related U.S. Patent Application No. 09/855,851, filed May 16, 2001, entitled "Apparatus, System, and Method for Down-Converting and Up-Converting Electromagnetic Signals," directed to related subject matter.

Documents AE68-AG68 were cited in an Office Action in related U.S. Patent Application No. 10/315,174, filed December 10, 2002, entitled "Reducing DC Offsets Using Spectral Spreading," directed to related subject matter. Also cited in said Office Action were U.S. Patent Nos. 5,999,561 and 6,686,879, which have already been cited in the present application.

Documents AH68, AI68, and AA69 were cited in a Notice of Allowance in related U.S. Patent Application No. 10/359,636, filed February 7, 2003, entitled "Integrated Frequency Translation and Selectivity," directed to related subject matter. Also cited in said Notice of Allowance were U.S. Patent Nos. 5,126,682; 5,926,054; 6,049,706; 6,421,534; and 6,560,301, which have already been cited in the present application.

Documents AB69-AF69 were cited in an Office Action in related U.S. Patent Application No. 10/197,255, filed July 18, 2002, entitled "Networking Methods and Systems," directed to related subject matter. Also cited in said Office Action was U.S. Patent No. 6,850,742, which has already been cited in the present application.

This statement should not be construed as a representation that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Atty. Docket: 1744.0920001

Applicants have checked the appropriate boxes below:

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this
 Information Disclosure Statement was cited in a communication from a foreign
 patent office in a counterpart application and this communication was not received
 by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to
 the filing of this information disclosure statement.
- 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a

Atty. Docket: 1744.0920001

communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

- ☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.
 Enclosed find our PTO-2038 Credit Card Payment Form in the amount of in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more Atty. Docket: 1744.0920001

than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

- 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
 6. A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R. § 1.98(a)(3):
 7. In accordance with 37 C.F.R. § 1.98(a)(2), copies of the U.S. patents cited on the attached Form PTO-1449 are not enclosed.
 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No.________, filed _______, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
- ∑ 9. It is expected that the examiner will review the prosecution and cited art in the parent Application No. 09/521,878, filed March 9, 2000, in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

Atty. Docket: 1744.0920001

- 6 -

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Timothy A. Doyle

Attorney for Applicants Registration No. 51,262

Date:

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1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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FORM PTO-1449				ATTY. DOCKET NO. 1744.0920001	APPL 09/55	ICATION NO. 0.642		
				FIRST NAMED INVENTOR				
SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				David F. SORRELLS FILING DATE ART UNIT				
•			II S DAT	April 14, 2000 ENT DOCUMENTS	2634			
EXAMINER	DOC.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
OIPE	REF.	6,882,194 B2	04/2005	Belot et al.		002 02 100		
/	1 dec	6,892,062 B2	05/2005	Lee et al.				
NOV 0 1 2005			05/2005	Setty et al.				
TRADEMARY	\$ AD60	6,920,311 B2	07/2005	Rofougaran et al.				
PADEMARK	AE60	5,062,122	10/1991	Pham et al.				
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_	AF68	6,182,011 B1	01/2001	Ward				
	AG68	6,639,939 B1	10/2003	Naden et al.				
	AH68	5,787,125	07/1998	Mittel				
	Al68	5,878,088	03/1999	Knutson et al.				
EXAMINER	DOC.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
INITIAL	AJ	BOOGINENT NOMBER	DATE		02.00	002 02 .00	Yes	
	AK						No Yes	
	AL						No Yes	
	AM						No Yes	
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and not consider 456290_1.DOC	ed. Inclu	de copy of this form with nex	α communication	on to Applicant.		*		

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FORM PTO-1449				ATTY. DOCKET NO. 1744.0920001	APPL 09/55	ICATION NO 0,642	
SEVENTH SUPPLEMENTAL				FIRST NAMED INVENTOR David F. SORRELLS			
INFOR	MATION	DISCLOSURE STATEM	MENT	FILING DATE	ART	TINL	
-			U.S. PA1	April 14, 2000 ENT DOCUMENTS	2634		
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
OIA	AA69	6,215,828 B1	04/2001	Signell et al.			
~	AB69	5,703,584	12/1997	Hill			
NOV 0 1 7005	3 AC69	5,887,001	03/1999	Russell			
PADEMARK GER	AD69	6,298,065 B1	10/2001	Dombkowski et al.			
CEMARKO	AE69	2002/0080728 A1	06/2002	Sugar et al.			
	AF69	2002/0163921 A1	11/2002	Ethridge et al.			
	AG						
	АН						
	Al						
EXAMINER	DOC.			PATENT DOCUMENTS	CLASS	SUB-CLASS	TRANSLATION
INITIAL	REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Yes
	AK						No Yes
	AL						No Yes
	AM						No Yes No
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EXAMINER INITIAL	DOC. REF.	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) CITATION					
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EXAMINER: Ini	tial if refer	rence considered, whether of de copy of this form with ne	r not citation is	in conformance with MPEP 609. D	Praw line throug	h citation if not	in conformance
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